

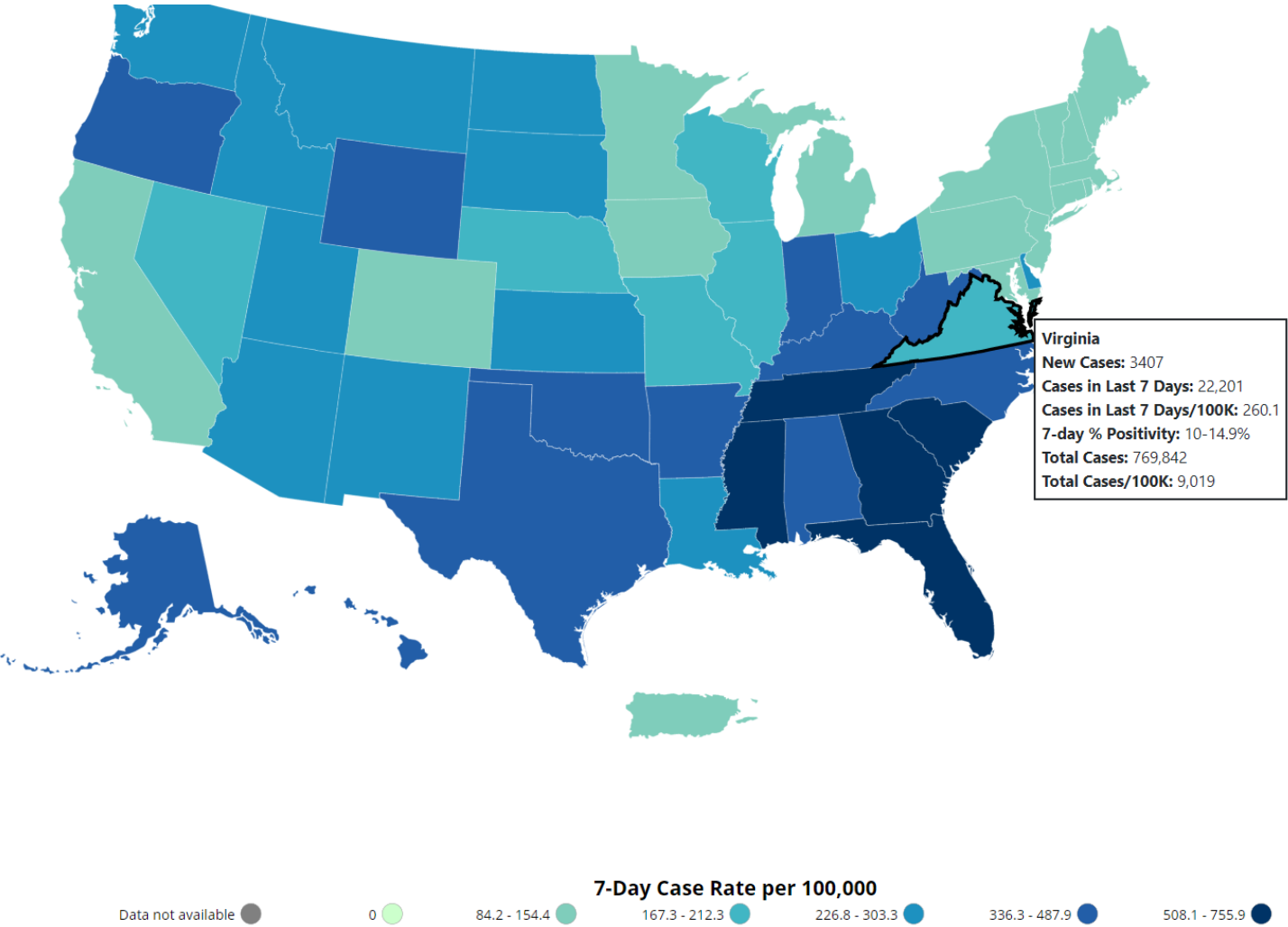
**VIRGINIA'S
HEALTH
IS IN OUR
HANDS.**

Do your part,
stop the spread.

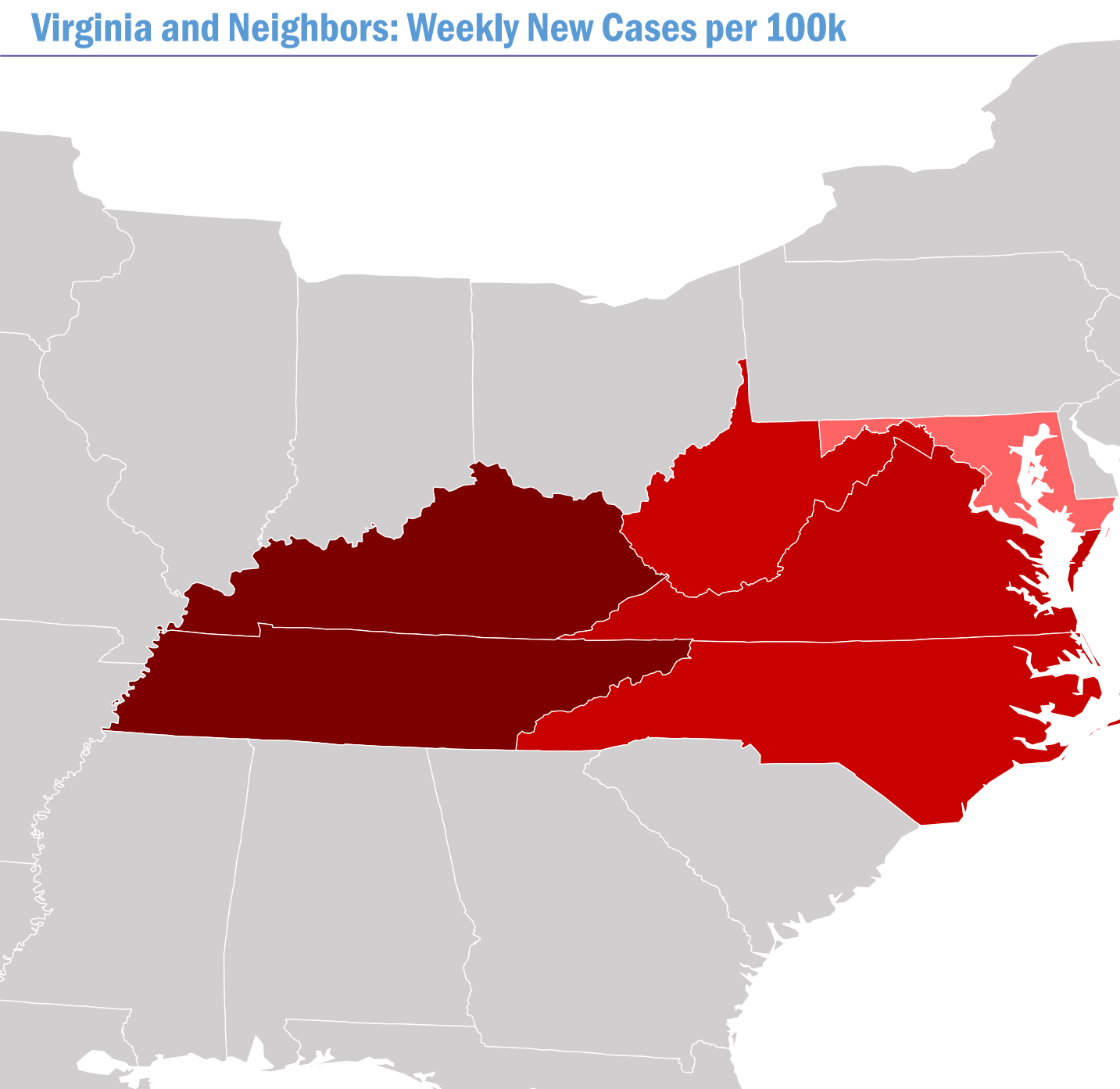
COVID-19 Surveillance Data Update

September 2, 2021

US COVID-19: 7-Day Case Rate per 100,000, by State/Territory



Over the last 7 days, **Virginia** had **260.1** new confirmed **cases per week per 100,000** compared to **The United States** confirmed cases of **315.8** per week per 100,000



Over the last 7 days, **Virginia** had **260.1** **(+16.1%)** new confirmed **cases per week per 100k**

Rates Higher than Virginia:

- Tennessee, **720** **(+44.4%)**
- Kentucky, **521** **(-8.5%)**
- West Virginia, **495** **(+17.1%)**
- North Carolina, **391** **(+1.1%)**

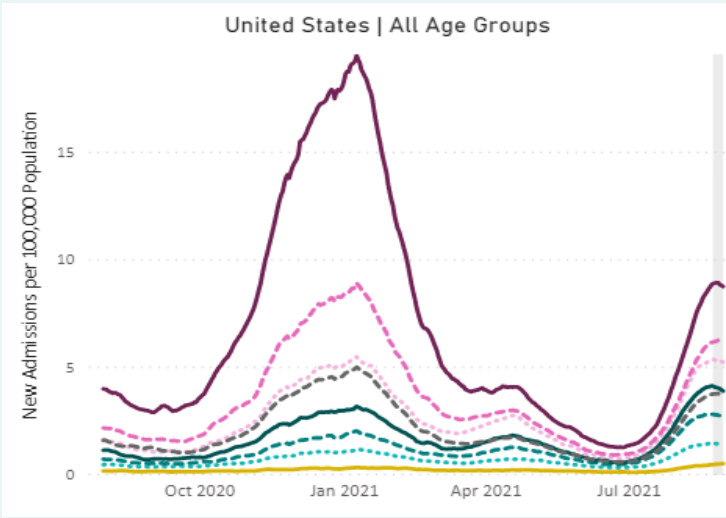
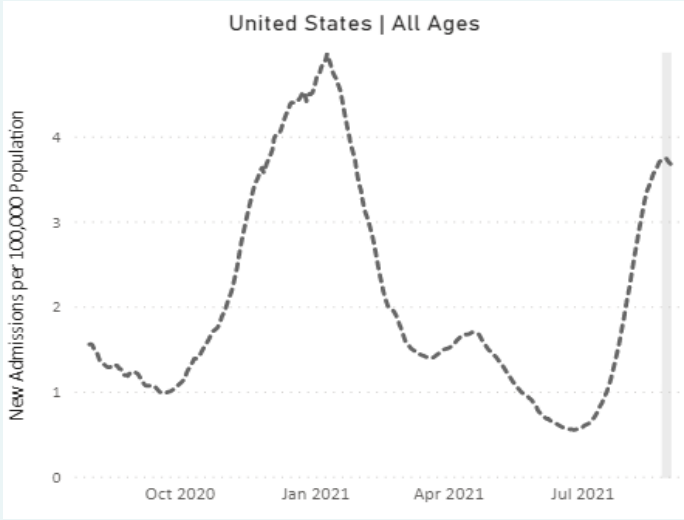
Rates Lower than Virginia:

- District of Columbia, **191** **(+25.7%)**
- Maryland, **139** **(+36.4%)**

Legend	New cases per 100k population per week
Yellow	10-49
Orange	50-99
Light Red	100-199
Red	200-499
Dark Red	500-749

Source and thresholds provided by CDC, [HealthData.gov](https://healthdata.gov)

New Admissions of Patients with Confirmed COVID-19 per 100k Population by Age Group



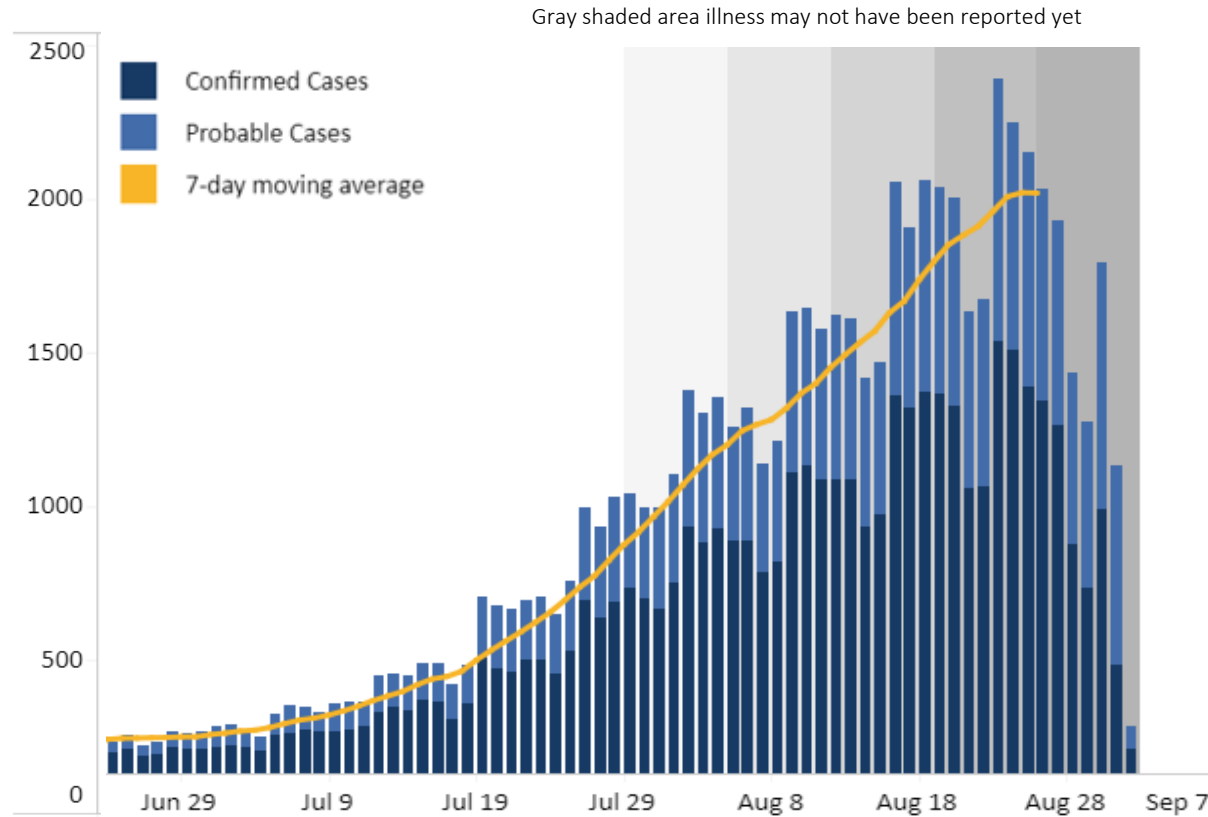
Age Group — 0 - 17 Years — 18 - 29 Years — 30 - 39 Years — 40 - 49 Years — 50 - 59 Years — 60 - 69 Years — 70+ Years - - - All Ages

2,747,057
Total Admissions

12,189
Current 7-day Average

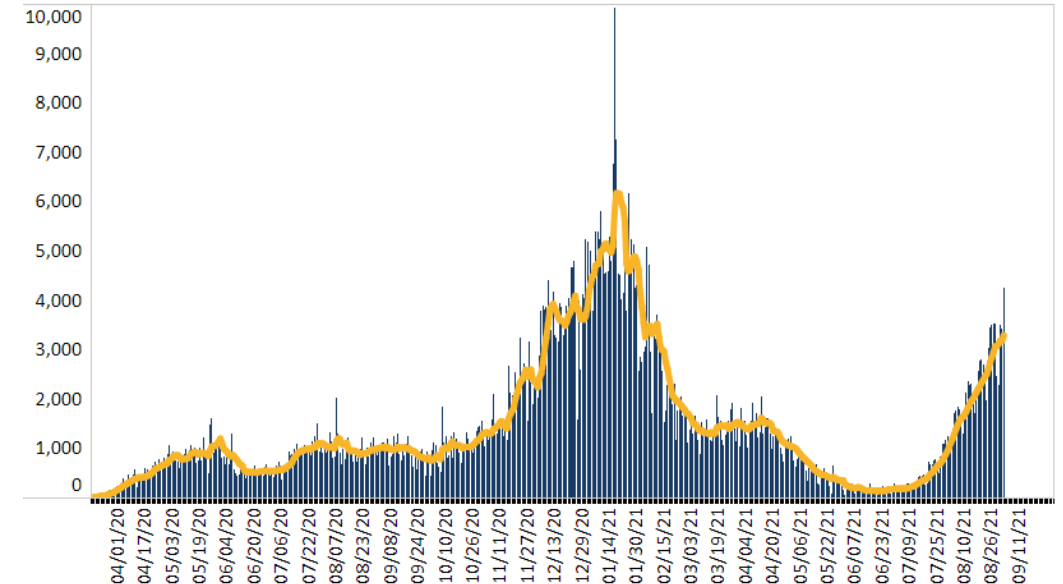
-1.1%
% Change in 7-day
Average

Cases by Date of Symptom Onset, last 60 days

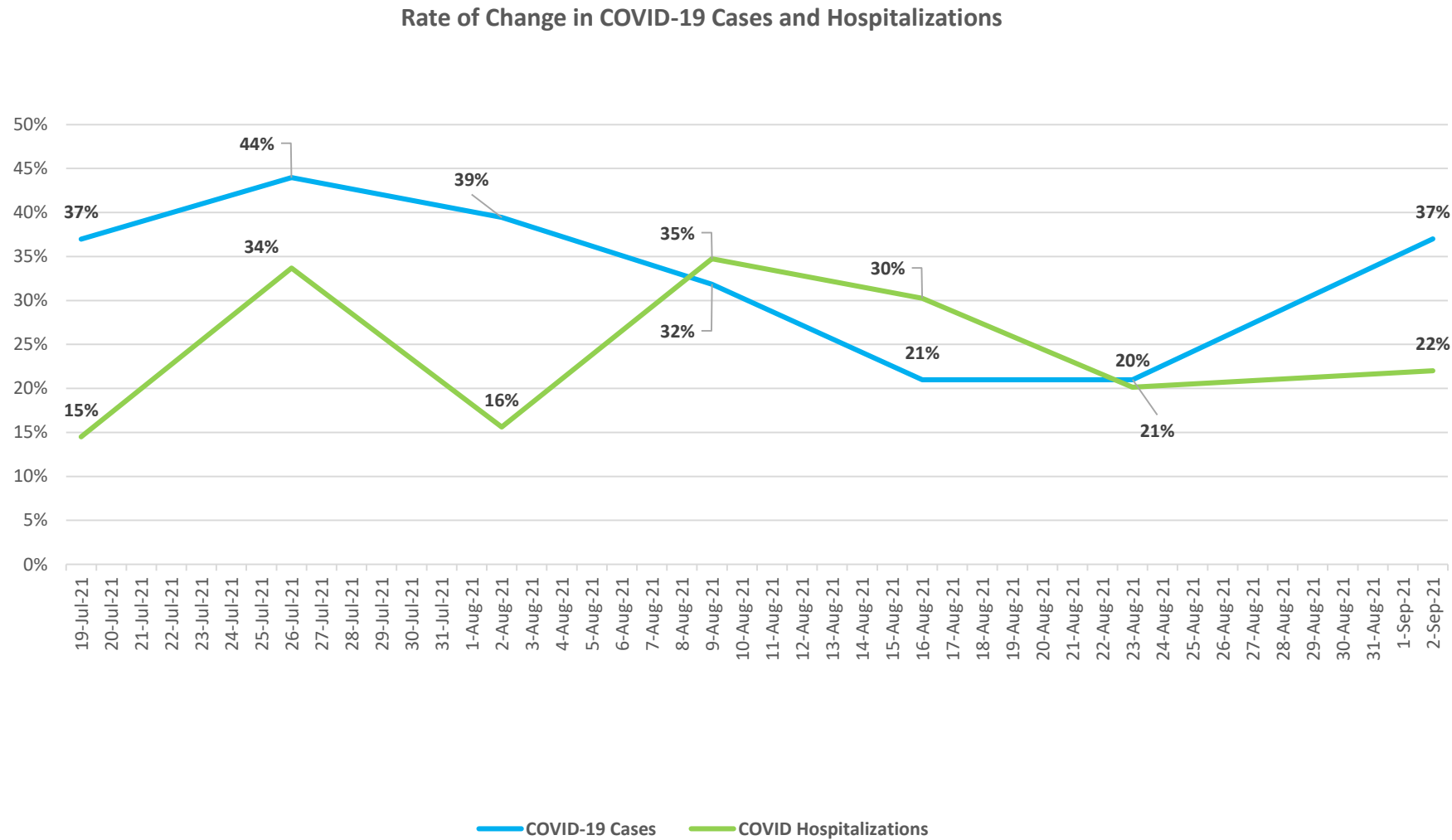


- Compared to last week, **cases** increased to **3,281** (7-day MA) per day **(+16%)**
 - 47%** lower than the January peak of 2021
 - 155%** higher than the March low of 2021
 - 2443%** higher than the June low of 2021
- Hospitalizations** increased to 1725 per day **(+24%)**
- Deaths** increased to 21.4 per day **(+65%)**

Cases, All Reporting Timeline



Rate of Change in Number of Confirmed Cases and Hospitalizations in Virginia



Northern Virginia in “Slow Growth”

- Highest vaccination rates
- Most populous region
- May be driving statewide slowdown in growth
- Rest of state still in surge

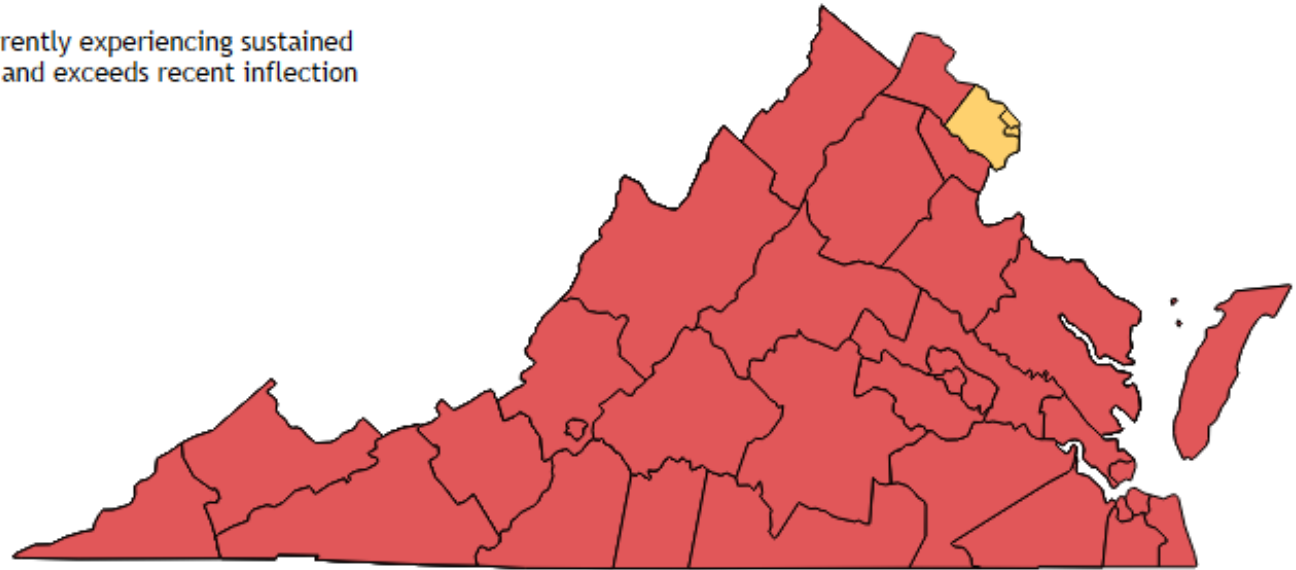
Declining: Sustained decreases following a recent peak

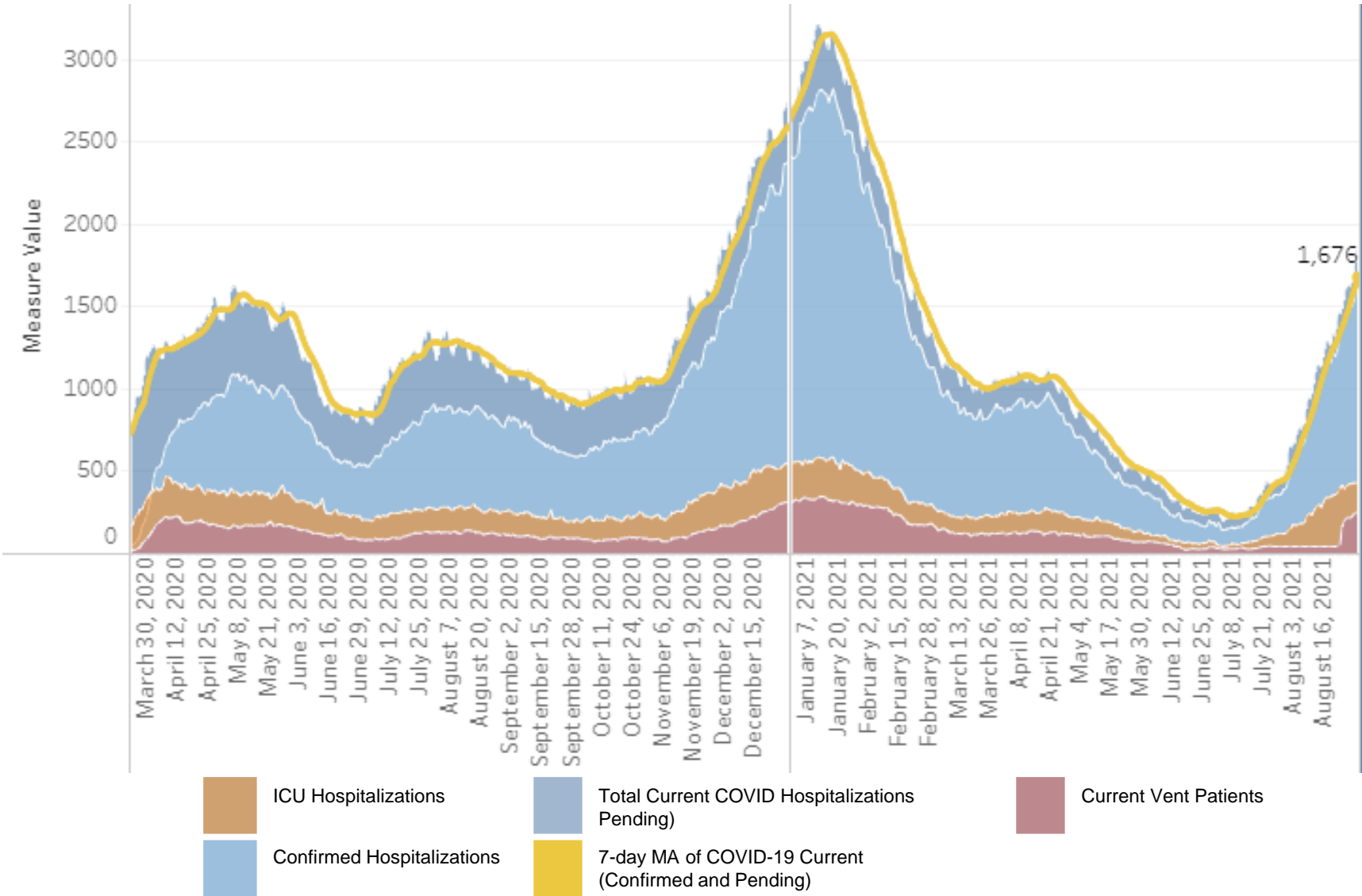
Plateau: Steady level with minimal trend up or down

Slow Growth: Sustained growth not rapid enough to be considered a Surge

In Surge: Currently experiencing sustained rapid growth and exceeds recent inflection points

Slow Growth	3
Surging	32

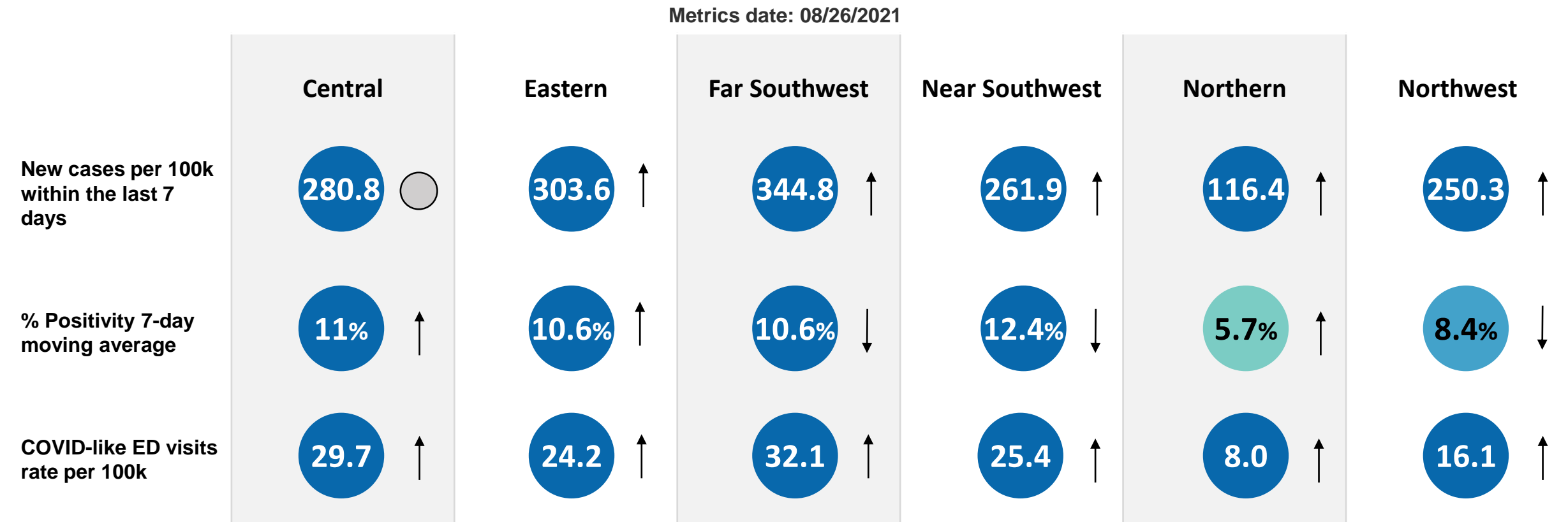





1725
Current 7-day Average
Current Hospitalizations

+23.6%
% Change in 7-day
Average

-45.2%
% Change from peak 7-
day Average (Jan 2021)



Burden	Level 0	Level 1	Level 2	Level 3	Level 4
New Cases	<10	10-49		50-100	>100
% Positivity	<3	3-5	5-8	8-10	>10
CLI ED Visits	<4		4-5.9		≥6

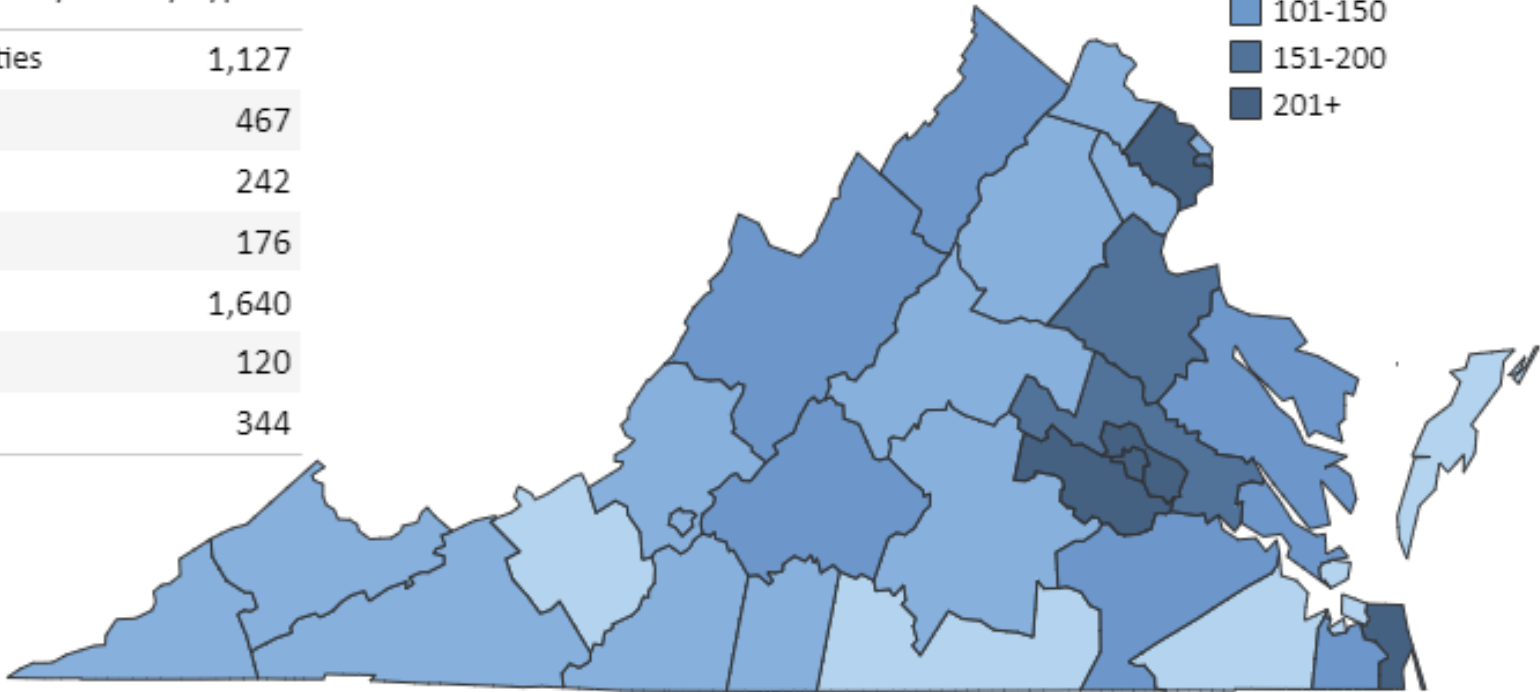
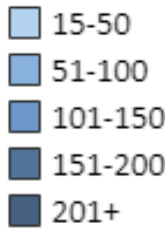
Symbol	Trend
↑	Increasing
↓	Decreasing
	Fluctuating

Current Selection: All Health Districts

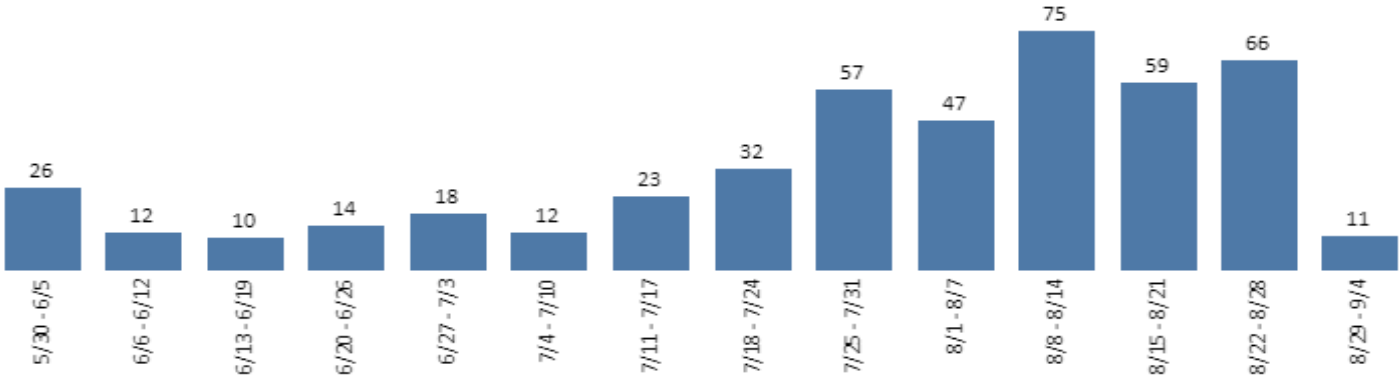
Number of Outbreaks by Facility Type

Long Term Care Facilities	1,127
K-12	467
Healthcare Setting	242
Correctional Facility	176
Congregate Setting	1,640
College / University	120
Child Care	344

Number of Outbreaks

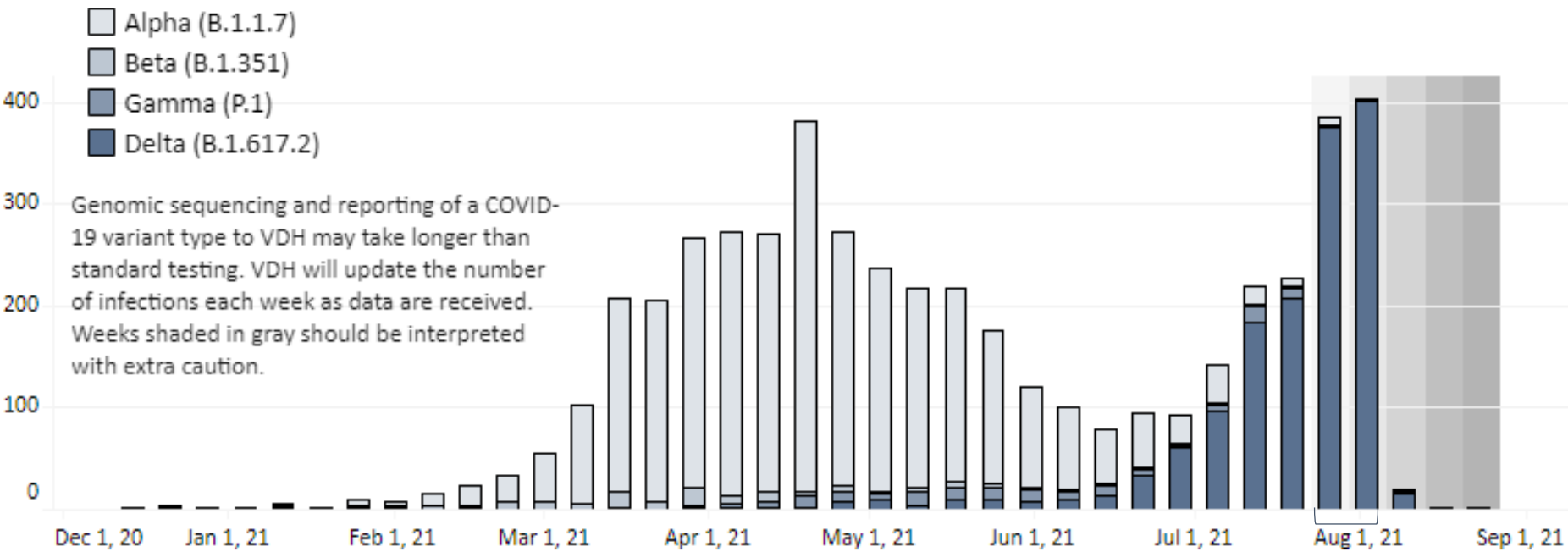


All Outbreaks

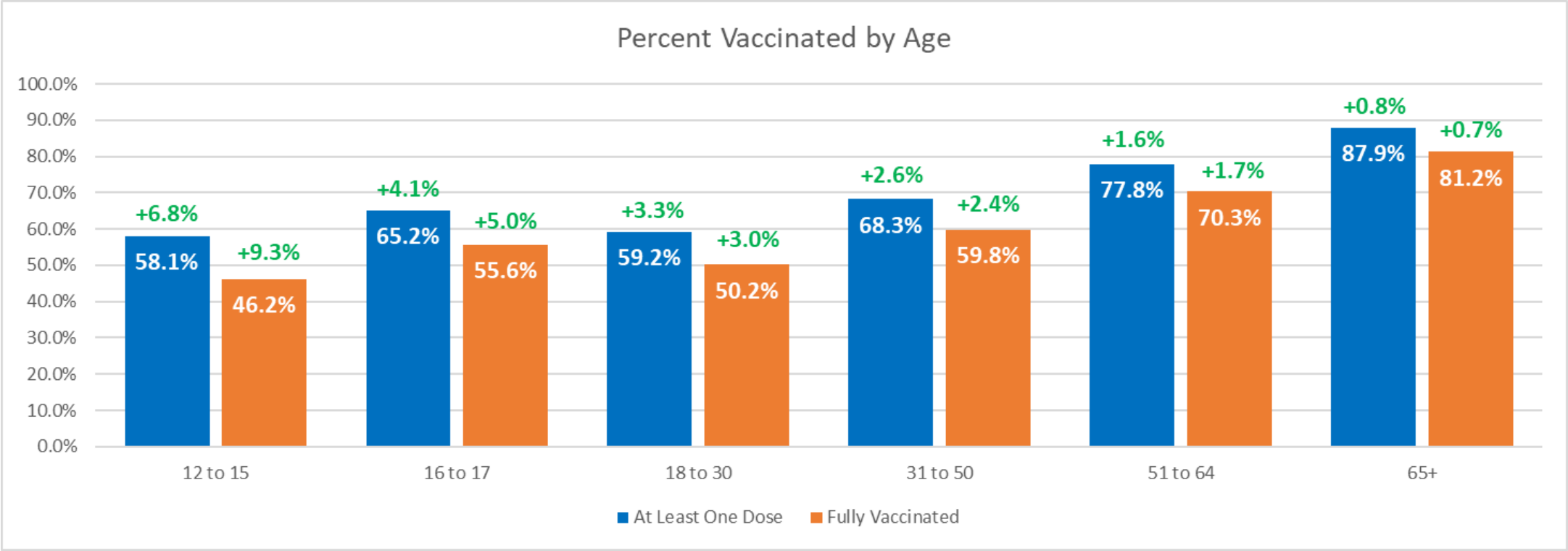


Number of Variant of Concern Infections Reported to VDH by Week

Updated 09/2



VOC	Week Ending 7/24/2021	Week Ending 7/31/2021	Percent Change
Alpha	1.8%	0.2%	-88.9%
Beta	0%	0%	0%
Gamma	0.5%	0%	-100%
Delta	97.7%	99.8%	+2.2%

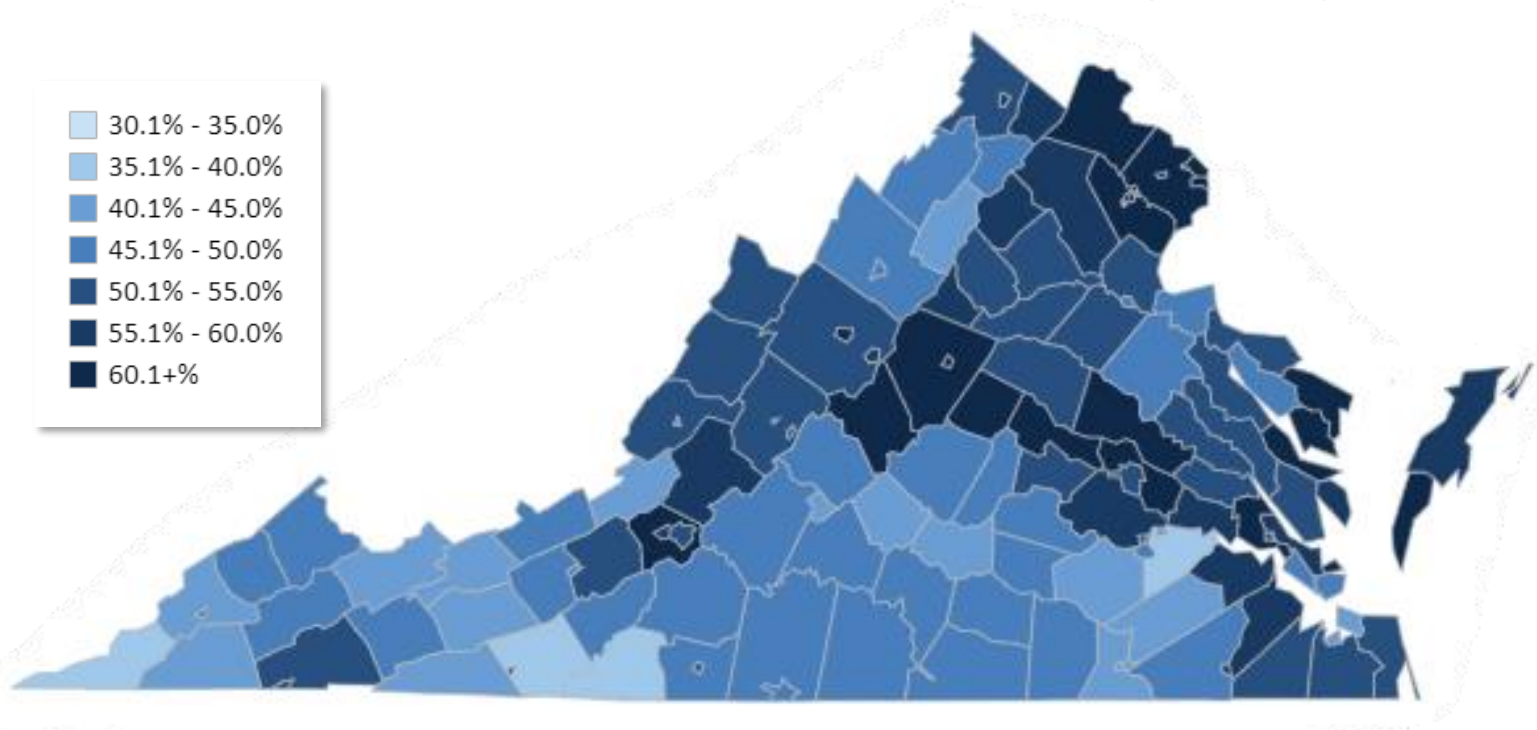


Virginia Vaccination by Age

- ✓ **75.9% (+2.2%)** of the Adult (18+) Population Vaccinated with at Least One Dose
- ✓ **66.3% (+2.8%)** of the Eligible (12+) Population Fully Vaccinated
- ✓ **87.9% (+1.0%)** of Virginians 65+ and **60.4% (+6.6%)** of 12 to 17 year olds have received at least one dose
- ✓ **56.8% (+2.8%)** of the Total Population has been Fully Vaccinated

* Green percent represents percent increase from two weeks prior

Percent of the Total Population with at Least One Dose by Locality



First Dose Vaccination Rate by Region for Total Population

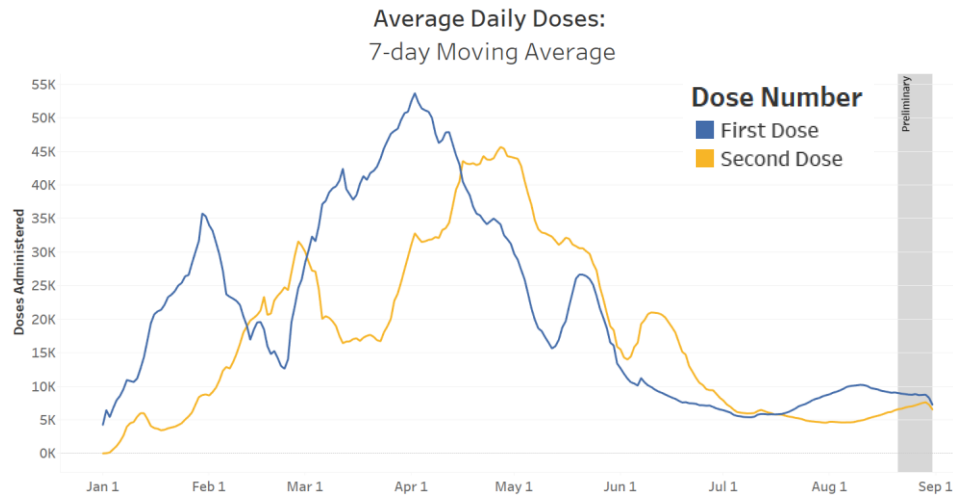
Region Name	1st Dose Vaccination	% Change 2 Weeks
Central	55.9%	+2.7%
Eastern	51.7%	+2.8%
Northern	64.9%	+1.5%
Northwest	54.0%	+2.1%
Southwest	48.1%	+2.7%

- 4 (-1 over 2 weeks) out of 133 Localities have a first dose vaccination rate below 40%
- 23 (+5 over 2 weeks) out of 133 Localities have a first dose vaccination rate above 60%
- There is a disparity across Urban and Rural areas by Age Groups, with Rural Adolescents the Lowest Vaccinated group

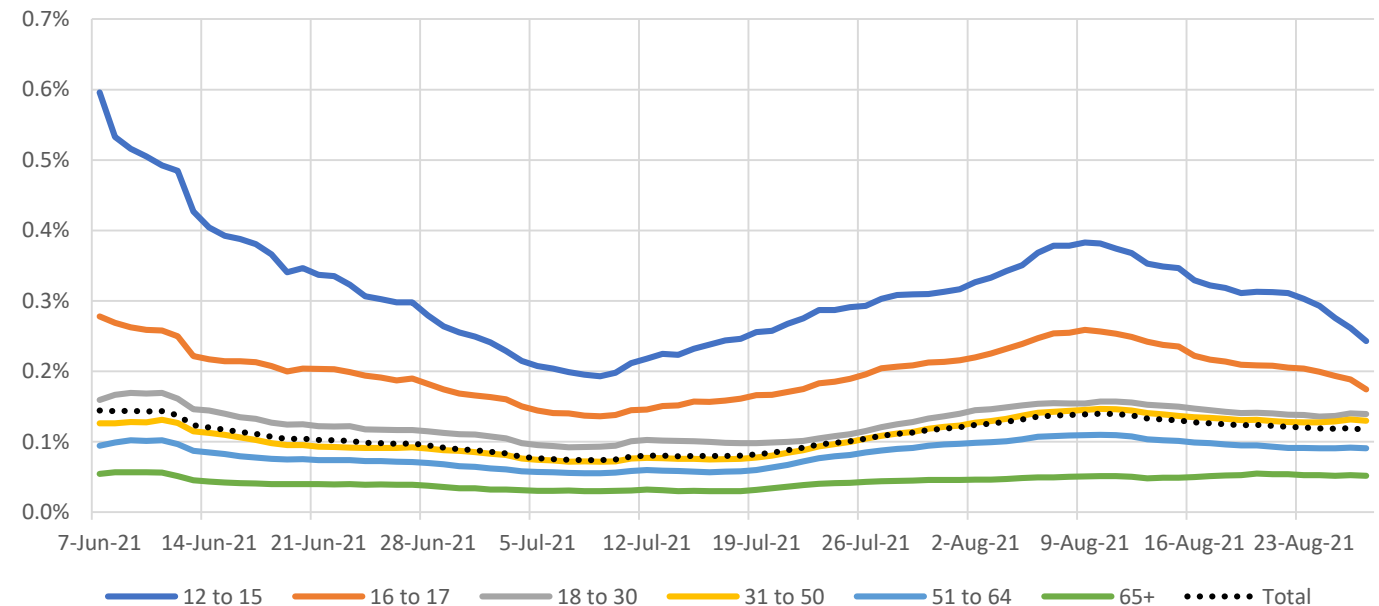
2013 SRHP Isserman Classification	12 to 15	16 to 17	18 to 30	31 to 50	51 to 64	65+	Grand Total
Mixed Rural	41.6%	50.7%	47.5%	54.2%	66.5%	81.4%	60.7%
Mixed Urban	59.0%	68.8%	62.9%	64.2%	76.3%	89.1%	70.7%
Rural	32.7%	40.9%	40.8%	47.7%	62.6%	77.1%	56.6%
Urban	61.1%	70.6%	54.0%	65.5%	75.9%	85.2%	68.0%
Grand Total	53.6%	62.8%	52.6%	61.3%	72.0%	83.3%	65.5%

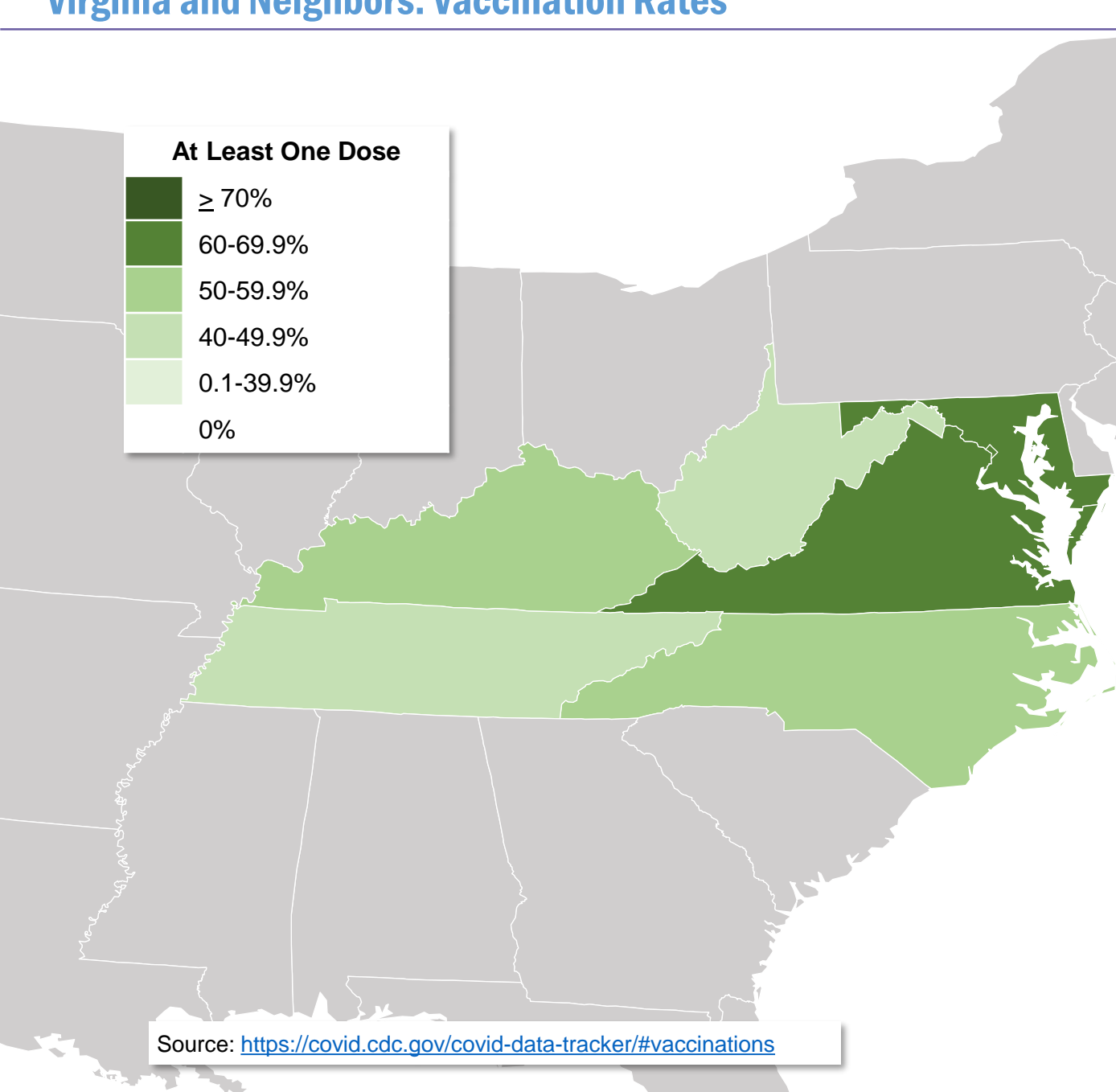
Vaccinations per day have been declining after an increase in early August

- First Doses rates are declining after a noticeable increase over the past month; the vaccination numbers are still higher than last month
- All Age groups are seeing lower vaccination rates, but the rates are still higher than the lows in Early July
- 12 to 15 and 16 to 17 are seeing larger decreases in rates



1st Dose Vaccination Moving Average as a % of Population





	At Least One Dose*	Fully Vaccinated*
Nationwide	61.6% (+3.2%)	52.3% (+3.2%)
D.C.	67.3% (+2.3%)	57.2% (+1.8%)
Kentucky	56.8% (+4.2%)	48.3% (+3.4%)
Maryland	68% (+2.3%)	61.3% (+2.2%)
North Carolina	55.5% (+4.1%)	46.2% (+3.4%)
Tennessee	49.1% (+4.2%)	41.5% (+3.5%)
Virginia**	65.1% (+2.5%)	57% (+2.5%)
West Virginia	47% (+1.1%)	39.6% (+0.8%)

*Total population, includes out-of-state vaccinations
**Differs from previous slide because all vaccination sources (e.g., federal) are included
*** Green percent represents percent increase from two weeks prior